

**Abstract of Disclosure:**

A system including an Open IP Services Platform that provides any or all functions of common network devices such as routers, firewalls, packet shapers, switches, and servers in a single unit, wherein the network devices can be provided by any third party, and are interconnected through management software that enables drag-and-drop arrangement of the network devices, wherein a complete Operating System provides full functionality to the Open IP Services Platform, wherein a plurality of Open IP Services Platforms can function in a cooperative manner, and wherein a plurality of Open IP Services Platforms can form a switch fabric matrix that increases bandwidth on a local level to provide such high bandwidth services such as video-on-demand.